



# 2019 DERP FORUM

## Agenda

Achieving Greater Success Through Strong Partnerships

May 7-9, 2019 | St. Louis, MO

## WELCOME



It is my pleasure to welcome you to St. Louis for the 2019 Defense Environmental Restoration Program (DERP) Forum. This gathering of DoD, and State and Federal regulators offers a unique opportunity for us to partner to share information and facilitate more efficient and effective management of DoD's cleanup program. Building on the successful dialogue taking place in our stakeholder groups—the Defense and State Memorandum of Agreement Steering Committee and Munitions Response Dialogue—we will discuss emerging issues, best practices, and lessons learned, as well as new policies and technology investments to maximize efficiencies and minimize the time it takes to complete cleanup at active and Base Realignment and Closure installations.

Each session is designed to encourage open and interactive conversations. Our speakers will initiate the discussions, but we want to hear from and engage each of you. Over the next two days, I invite you to tell your stories and ask thought provoking questions. Use your time here to collaborate with each other and share your ideas and innovative solutions to address our cleanup challenges. I believe we can achieve greater success through strong partnerships.

Enjoy the conference. I look forward to catching up with everyone and hearing your thoughts. Thank you for your support of DoD's cleanup program and your participation in this event.

### **Maureen Sullivan**

Deputy Assistant Secretary of Defense (Environment)

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### **Goals and Purpose**

- Share information about best practices, new policies, and technologies to support cleanup.
- Provide a forum for DoD and its regulatory partners to exchange views and information regarding the DERP.
- Improve communications between DoD and its regulatory partners through discussion of emerging issues in the field, best practices, and lessons learned.
- Build confidence in the DoD cleanup program among the regulatory community by discussing the latest technologies and data quality initiatives to support decision-making.

# AGENDA AT-A-GLANCE

TUESDAY, MAY 7

7:30am-4:30pm	Registration	Regency D Prefunction
8:30am-4:30pm	DoD-only Sessions	
1:00-4:30pm	Munitions Response 101/201 (Optional)	Regency D
6:45pm	Baseball Game — St. Louis Cardinals vs. Philadelphia Phillies (optional)	Busch Stadium

WEDNESDAY, MAY 8

7:00am-5:00pm	Registration	Regency D Prefunction
8:30-9:45am	Plenary Session	Regency D
9:45-10:00am	Networking Break	Regency D Prefunction
10:00-11:30am	DERP Policy and Program Management Updates	Regency D
11:30am-1:30pm	Lunch (on your own)	
1:30-2:30pm	PFOS/PFOA: EPA Perspective	Regency D
2:30-2:45pm	Networking Break	Regency D Prefunction
2:45-3:45pm	PFOS/PFOA: State Initiatives and Approaches	Regency D
3:45-4:00pm	Networking Break	Regency D Prefunction
4:00-5:00pm	PFOS/PFOA: Success Stories	Regency D
5:00pm	No Host Social	Brewhouse Historical Sports Bar, Hyatt Hotel

THURSDAY, MAY 9

Concurrent Sessions				
8:00-9:00am	Partnering	Regency D	Munitions Response Process Overview	Regency E
9:00-9:15am	Networking Break			Regency D Prefunction
9:15-10:15am	Effective Communication Strategies	Regency D	Military Munitions Response Program Risk Management Method	Regency E
10:15-10:30am	Networking Break			Regency D Prefunction
10:30-11:30am	Challenging Installation Restoration Program Sites	Regency D	Munitions Response Data Quality	Regency E
11:30am-1:30pm	Lunch (on your own)			
1:30-2:30pm	Vapor Intrusion Tools and Challenges	Regency D	Munitions Response Data Usability	Regency E
2:30-2:45pm	Networking Break			Regency D Prefunction
2:45-3:45pm	Optimization	Regency D	Munitions Response Case Study: Applying the Tools in the Toolkit	Regency E
3:45-4:00pm	Networking Break			Regency D Prefunction
4:00-5:00pm	Final Plenary Session			Regency D

7:30AM-4:30PM      REGISTRATION | REGENCY D PREFUNCTION

8:30am-4:30pm      DOD-ONLY SESSIONS

1:00-4:30pm      MUNITIONS RESPONSE 101/201 (OPTIONAL) | REGENCY D

Overview for States and other interested parties who are not familiar with and want to learn more about munitions response and basic munitions response technology.

Session Chairs:

- **Ms. Deborah Morefield**, Cleanup Program Manager, Office of the Deputy Assistant Secretary of Defense (Environment)
- **Mr. Doug Maddox**, Program Manager, U.S. Environmental Protection Agency Federal Facilities Restoration and Reuse Office
- **Ms. Tracie White**, Program Manager, Colorado Department of Public Health and Environment

Speakers:

- **Mr. Brian Jordan**, Geotechnical Engineer, U.S. Army Corps of Engineers
- **Mr. Jeff Swanson**, State Remedial Project Manager, Colorado Department of Public Health and Environment
- **Dr. Kari Meier**, Project Manager, Environmental and Munitions Center of Expertise, U.S. Army Corps of Engineers
- **Dr. Jordan Adelson**, Chair, DoD Environmental Data Quality Workgroup

6:45pm      BASEBALL GAME — ST. LOUIS CARDINALS VS. PHILADELPHIA PHILLIES  
BUSCH STADIUM (OPTIONAL)

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## 7:00AM-5:00PM REGISTRATION | REGENCY D PREFUNCTION

8:30-9:45am

### PLENARY SESSION | REGENCY D

Welcome/Office of the Secretary of Defense Address

**Ms. Maureen Sullivan**, Deputy Assistant Secretary of Defense (Environment)

Keynote Address

**Ms. Carol Comer**, Director, Missouri Department of Natural Resources

State Address

**Mr. Vernon "Chip" Crockett**, President, Association of State and Territorial Solid Waste Management Officials

U.S. Environmental Protection Agency Address

**Mr. Peter Wright**, Special Counsel to the Administrator, U.S. Environmental Protection Agency

## 9:45-10:00AM NETWORKING BREAK | REGENCY D PREFUNCTION

10:00-11:30am

### DERP POLICY AND PROGRAM MANAGEMENT UPDATES | REGENCY D

Discussion of DERP policy and program management updates since DoD issued DoD Manual 4715.20 in March 2012, including how DoD is managing Perfluorooctane Sulfonate (PFOS)/Perfluorooctanic Acid (PFOA).

Session Chair:

- \* **Ms. Maureen Sullivan**, Deputy Assistant Secretary of Defense (Environment)

Speakers:

- \* Office of the Deputy Assistant Secretary of Defense (Environment)
  - \* Program and Policy Discussion
  - \* Environmental Data Quality Work Group
  - \* Strategic Environmental Research and Development Program and Environmental Security Technology Certification Program
- \* Panel: Army, Navy, Air Force, and Defense Logistics Agency
- \* Q&A Session

## 11:30AM-1:30PM LUNCH (ON YOUR OWN)

1:30-2:30pm

### PFOS/PFOA: EPA PERSPECTIVE | REGENCY D

Discussion of the national EPA perspective on managing PFOS/PFOA relative to cleanup activities.

Session Chairs:

- \* **Ms. Deborah Morefield**, Cleanup Program Manager, Office of the Deputy Assistant Secretary of Defense (Environment)
- \* **Ms. Mary Cooke**, Physical Scientist, U.S. Environmental Protection Agency Federal Facilities Restoration and Reuse Office

Speakers:

- \* **Dr. Andrew Gillespie**, Associate Director, U.S. Environmental Protection Agency Exposure Research Laboratory/Executive Lead for PFAS Research and Development
- \* **Mr. Greg Gervais**, Acting Director, U.S. Environmental Protection Agency Federal Facilities Restoration and Reuse Office

2:30-2:45PM

## NETWORKING BREAK | REGENCY D PREFUNCTION

2:45-3:45pm

### PFOS/PFOA: STATE INITIATIVES AND APPROACHES | REGENCY D

Discussion from select States on their innovative approaches for managing PFOS/PFOA.

#### Session Chairs:

- **Ms. Deborah Morefield**, Cleanup Program Manager, Office of the Deputy Assistant Secretary of Defense (Environment)
- **Ms. Tracie White**, Program Manager, Colorado Department of Public Health and Environment

#### Speakers:

- **Ms. Susan Edwards**, Director, Special Projects Bureau, New York State Department of Environmental Conservation
- **Ms. Ginny Yingling**, Senior Hydrogeologist, Minnesota Department of Health
- **Dr. Gloria Post**, Research Scientist, Division of Science and Research, New Jersey Department of Environmental Protection

3:45-4:00PM

## NETWORKING BREAK | REGENCY D PREFUNCTION

4:00-5:00pm

### PFOS/PFOA: SUCCESS STORIES | REGENCY D

Hear how DoD, States, and other stakeholders partner to successfully manage PFOS/PFOA on DoD installations.

#### Session Chairs:

- **Ms. Deborah Morefield**, Cleanup Program Manager, Office of the Deputy Assistant Secretary of Defense (Environment)
- **Ms. Ginny Yingling**, Senior Hydrogeologist, Minnesota Department of Health

#### Speakers:

- **Ms. Kim Brown**, Senior Environmental Engineer/Program Manager, Naval Facilities Engineering Command Headquarters
- **Ms. Sharon Stone**, Restoration Program Manager, Peterson Installation Support Section, Air Force Civil Engineer Center, Peterson Air Force Base, Colorado
- **Ms. Rachel Blomberg**, Project Manager, Colorado Department of Public Health and Environment

5:00pm

## NO HOST SOCIAL | BREWHOUSE HISTORICAL SPORTS BAR, HYATT HOTEL

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## Concurrent Sessions

	All sessions in this column are in <b>Regency D</b>	All sessions in this column are in <b>Regency E</b>
8:00-9:00am	<p><b>PARTNERING</b> A dialogue on DoD's partnering initiatives. This interactive discussion will include States, DoD, and U.S. EPA sharing their experiences with and involvement in successful partnering initiatives.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>▪ <b>Ms. Maureen Sullivan</b>, Deputy Assistant Secretary of Defense (Environment)</li> <li>▪ <b>Ms. Dania Rodriguez</b>, Executive Director, Association of State and Territorial Solid Waste Management Officials</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. John Tesner</b>, Director for Restoration, Office of the Deputy Assistant Secretary of the Army (Environment, Safety and Occupational Health)</li> <li>▪ <b>Ms. Bonnie Buthker</b>, District Chief, Ohio Environmental Protection Agency</li> <li>▪ <b>Ms. Mary Cooke</b>, Physical Scientist, U.S. Environmental Protection Agency Federal Facilities Restoration and Reuse Office</li> </ul>	<p><b>MUNITIONS RESPONSE PROCESS OVERVIEW</b> Discussion of the CERCLA cleanup process and how munitions response methods and technologies in the "toolkit" fit into the cleanup process.</p> <p>Session Chairs and Speakers:</p> <ul style="list-style-type: none"> <li>▪ <b>Ms. Deborah Morefield</b>, Cleanup Program Manager, Office of the Deputy Assistant Secretary of Defense (Environment)</li> <li>▪ <b>Mr. Doug Maddox</b>, Program Manager, U.S. Environmental Protection Agency Federal Facilities Restoration and Reuse Office</li> <li>▪ <b>Ms. Tracie White</b>, Program Manager, Colorado Department of Public Health and Environment</li> </ul>

9:00-9:15AM

**NETWORKING BREAK | REGENCY D PREFUNCTION**

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## Concurrent Sessions

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9:15-10:15am	<p><b>EFFECTIVE COMMUNICATION STRATEGIES</b> A dialogue on basic risk communication principles to effectively communicate throughout the cleanup process. Discussion on principles to keep in mind as you develop messages and lessons learned to improve or repair trust and creditability with communities.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Richard Mach</b>, Director of Environmental Compliance and Restoration Policy, Office of the Deputy Assistant Secretary of the Navy for Environment</li> <li>▪ <b>Mr. Chris Hill</b>, Environmental Engineer, Illinois Environmental Protection Agency</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Brian Quinn</b>, Division Information Officer, Division of Environmental Quality, Missouri Department of Natural Resources</li> <li>▪ <b>Ms. Heather Babb</b>, Public Affairs Officer, Office of the Secretary of Defense Public Affairs</li> </ul>	<p><b>MILITARY MUNITIONS RESPONSE PROGRAM RISK MANAGEMENT METHOD</b> Discussion of the military munitions response program risk management method. Will include details and how to apply the military munitions response program risk management method in a case study.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Bryan Frey</b>, Chief of Staff for Installation Management, Headquarters Department of the Army</li> <li>▪ <b>Mr. Roman Racca</b>, Senior Engineering Geologist and Statewide Munitions Response Coordinator, California Department of Toxic Substances Control</li> </ul> <p>Speaker:</p> <ul style="list-style-type: none"> <li>▪ <b>Dr. Kari Meier</b>, Project Manager, Environmental and Munitions Center of Expertise, U.S. Army Corps of Engineers</li> </ul>
10:15-10:30AM	<b>NETWORKING BREAK   REGENCY D PREFUNCTION</b>	

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## Concurrent Sessions

	All sessions in this column are in <b>Regency D</b>	All sessions in this column are in <b>Regency E</b>
10:30-11:30am	<p><b>CHALLENGING INSTALLATION RESTORATION PROGRAM SITES</b> Discuss solutions to address complex groundwater sites and how DoD, States, and EPA can work together to better address these sites.</p> <p><b>Session Chairs:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Dave Becker</b>, Geologist, Environmental and Munitions Center of Expertise, U.S. Army Corps of Engineers</li> <li>▪ <b>Mr. Jason Wilson</b>, Chief, Governmental Hazardous Waste Branch Land Division, Alabama Department of Environmental Management</li> </ul> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Mike Singletary</b>, Senior Environmental Engineer, Naval Facilities Engineering Command Southeast</li> <li>▪ <b>Ms. Jennifer Graham</b>, Environmental Support Manager, U.S. Army Environmental Command, Environmental Services and Support Division – Southeast Region</li> <li>▪ <b>Ms. Regina Butler</b>, Restoration Program Lead, Patrick Installation Support Section, Air Force Civil Engineer Center</li> </ul>	<p><b>MUNITIONS RESPONSE DATA QUALITY</b> Discussion of Data Quality Objectives and the Quality Assurance Project Plan at munitions response sites.</p> <p><b>Session Chairs:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Steve Hurff</b>, Munitions Response Program Manager, Naval Facilities Engineer Command Headquarters</li> <li>▪ <b>Mr. William Harmon</b>, Formerly Used Defense Sites Program Manager, Michigan Department of Environmental Quality</li> </ul> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Dr. Jordan Adelson</b>, Chair, DoD Environmental Data Quality Work Group</li> <li>▪ <b>Mr. Doug Maddox</b>, Program Manager, U.S. Environmental Protection Agency Federal Facilities Restoration and Reuse Office</li> </ul>
11:30AM-1:30PM	<b>LUNCH (ON YOUR OWN)</b>	

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## Concurrent Sessions

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1:30-2:30pm	<p><b>VAPOR INTRUSION TOOLS AND CHALLENGES</b> Discuss new technologies; approaches for investigating vapor intrusion; and the differences between assessing and addressing vapor intrusion in residential and industrial/commercial buildings.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Bradley Clawson</b>, Chief, Restoration Division, Defense Logistics Agency, Office of Environmental Management</li> <li>▪ <b>Ms. Carolyn Tatoian-Cain</b>, Senior Environmental Scientist, California Department of Toxic Substances Control</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Dan Gallagher</b>, Senior Engineering Geologist, California Department of Toxic Substances Control</li> <li>▪ <b>Mr. Derral VanWinkle</b>, Acting Environmental Business Line Leader and Environmental Restoration Program Manager, Naval Facilities Engineering Command Southeast</li> <li>▪ <b>Ms. Donna Caldwell</b>, Geologist, Naval Facilities Engineering Command Atlantic</li> </ul>	<p><b>MUNITIONS RESPONSE DATA USABILITY</b> Discussion about using data to make sound decisions at munitions response sites.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Jon Ussery</b>, Air Force Military Munitions Response Program Manager, Air Force Center for Environmental Excellence</li> <li>▪ <b>Mr. Roman Racca</b>, Senior Engineering Geologist and Statewide Munitions Response Coordinator, California Department of Toxic Substances Control</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>▪ <b>Mr. Brian Jordan</b>, Geotechnical Engineer, U.S. Army Corps of Engineers</li> <li>▪ <b>Mr. Jeff Swanson</b>, State Remedial Project Manager, Colorado Department of Public Health and Environment</li> </ul>
2:30-2:45PM	<b>NETWORKING BREAK   REGENCY D PREFUNCTION</b>	

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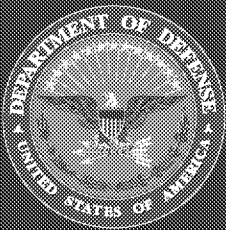
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## Concurrent Sessions

	All sessions in this column are in <b>Regency D</b>	All sessions in this column are in <b>Regency E</b>
2:45-3:45pm	<p><b>OPTIMIZATION</b> Discuss strategies, tools, and technologies for optimizing remedies; how data supports optimization; and best management practices for improving protectiveness, efficiency, and cost effectiveness.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>* <b>Ms. Gunarti Coghlan</b>, Environmental Restoration Manager, Naval Facilities Engineering Command Headquarters</li> <li>* <b>Mr. Ruben Zamarripa</b>, Chief, Defense Sites Restoration Unit, Missouri Department of Natural Resources</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>* <b>Ms. Sophia Lee</b>, Project Manager and Hydrogeologist, Engineering and Expeditionary Warfare Center, Navy Facilities Engineering Command</li> <li>* <b>Mr. Randy Cerar</b>, Division Chief, Mid-West Environmental Services and Support Division, U.S. Army Environmental Command</li> <li>* <b>Mr. Matt Dayoc</b>, Team Lead, West Environmental Services and Support Division, U.S. Army Environmental Command</li> </ul>	<p><b>MUNITIONS RESPONSE CASE STUDY APPLYING THE TOOLS IN THE TOOLKIT</b> Walk through a case study and discuss how to build a remedy, develop the remedial action operation, and write the decision document for an acceptable risk.</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> <li>* <b>Ms. Betina Johnson</b>, Military Munitions Design Center Chief, U.S. Army Corps of Engineers</li> <li>* <b>Mr. Richard Ball</b>, Superfund Project Manager, Mississippi Department of Environmental Quality</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>* <b>Dr. Kari Meier</b>, Project Manager, Environmental and Munitions Center of Expertise, U.S. Army Corps of Engineers</li> <li>* <b>Mr. Brian Jordan</b>, Geotechnical Engineer, U.S. Army Corps of Engineers</li> </ul>
3:45-4:00PM	<b>NETWORKING BREAK   REGENCY D PREFUNCTION</b>	
4:00-5:00pm	<p><b>FINAL PLENARY SESSION   REGENCY D</b> Open forum for questions, discussions, and answers about emerging cleanup issues and the future of cleanup over the next 5 years and beyond.</p> <p>Session Chair:</p> <ul style="list-style-type: none"> <li>* <b>Ms. Maureen Sullivan</b>, Deputy Assistant Secretary of Defense (Environment)</li> </ul> <p>Speakers:</p> <ul style="list-style-type: none"> <li>* Panel: Army, Navy, Air Force, and Defense Logistics Agency</li> </ul>	



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